

Claims:

1. A transformer comprising:

- a rectangular insulative housing having a bottom wall and four sidewalls, and defining an opening toward a top thereof, a plurality of partitions being formed in the insulative housing;
- a plurality of inductive coils received between the partitions of the insulative housing, and each inductive coil having a first wire and a signal wire; and
- a plurality of soldering tails mounted on opposing side walls of the insulative housing, each soldering tail having a soldering end at exterior of the insulative housing for electrically connecting with a PCB of a communication connector, and a wiring end at interior of the insulative housing for connecting with the first wire and the second wire of the inductive coils.

2. The transformer as claimed in claim 1, wherein the partitions are spaced the same distance from each other for receiving the inductive coils.

3. The transformer as claimed in claim 2, wherein a channel is defined through a middle of the partitions for accommodating more inductive coils.

4. The transformer as claimed in claim 3, wherein the bottom wall of the insulative housing is defined being flat.

5. The transformer as claimed in claim 4, wherein two tables are respectively formed on inner surfaces of the opposing sidewalls of the insulative housing for positioning the soldering tails.

6. The transformer as claimed in claim 5, wherein each soldering end of the soldering tails are mounted on opposing sidewalls of the bottom wall of the insulative housing and bended perpendicularly therefrom to be planar with the bottom wall.

7. The transformer as claimed in claim 5, wherein the soldering tails are

mounted on opposing sidewalls of the opening of said insulative housing and bended perpendicularly therefrom to be planar with the opening.

8. A transformer comprising:

- a rectangular insulative housing having a bottom wall and four sidewalls, and defining an opening toward a top thereof, a plurality of partitions being formed in the insulative housing;
- a plurality of inductive coils received between the partitions of the insulative housing, and arranged in such a way that the inductive coils at middle of the insulation housing are substantially in a line while the inductive coils at two sides are substantially perpendicular to the ones at middle, each inductive coil having a first wire and a signal wire; and
- a plurality of soldering tails mounted on opposing side walls of the insulative housing, each soldering tail having a soldering end at exterior of the insulative housing for electrically connecting with a PCB of a communication connector, and a wiring end at interior of the insulative housing for connecting with the first wire and the second wire of the inductive coils.

9. The transformer as claimed in claim 8, wherein the partitions are spaced the same distance from each other for receiving the inductive coils.

10. The transformer as claimed in claim 9, wherein a channel is defined through a middle of the partitions for accommodating more inductive coils.